



# 2025 CAPACITY DEVELOPMENT TRAINING PROGRAMS

## About the company

Cost Engineering and Project Controls Service Limited is a Cost Engineering Consultancy Company providing leading advisory services to clients on capital effectiveness. We provide research, benchmarking, and consulting services to improve the performance of capital projects and project systems.

## Mission

Successful, Efficient, and Effective Delivery of Capital Projects. Nations, organizations, families, and individuals grow by executing capital projects and programs successfully. Projects that fail, quickly become "take-over" targets. The passion to deliver projects and programs successfully and efficiently led to the birth of CEPCS.

## Core Value

For CEPCS, values are everything. They define our relationships with one another as a company and our relationship with our clients.

**Integrity:** At CEPCS, we are people of integrity, and our words bind us. We deliver as promised, on schedule, and within your budget.

**Professionalism and Ethics:** CEPCS adheres to professional standards, and we maintain complete client confidentiality. We do not cut corners.

**Honesty:** Honesty drives us and we are truthful about the status of the projects we handle, no matter what.

**Transparency:** We deploy open-book concepts in managing projects.

# Meet the Principal Consultant



**Engr. Johnson Awoyomi** has more than 30 years of management experience in the oil sector. As a Certified Cost Professional and a Certified Estimating Professional (both by AACE International), he returned NETCO (a subsidiary of NNPC – where he was the Managing Director until February 12th, 2022) from a loss position of N1.76Billion in 2020 to over N4.2Billion profit before tax in December 2021. Until his retirement, he served as Owner Engineer for many NNPC capital projects some of which are the upgrade of five NNPC jetties to International Ship and Port Facility Security (ISPS) code specifications, Port Harcourt Refinery Rehabilitation Project, Asakusa Kaduna-Kano (AKK) gas pipeline project, the 4MW NNPC Headquarters power plant, the Atlas Cove Depot Optimization Project etc. As a Cost Professional, he developed and operationalized the NNPC Historical Cost Database. He was the immediate past Region 9 Director for AACE international for Europe and Africa, and immediate past President of Nigerian AACE International.

## PROFESSIONAL MEMBERSHIPS

- ▶ Fellow, Nigerian Society of Engineers (FNSE) – Registration No. 06344
- ▶ Registered Engineer, Council for the Regulation of Engineering in Nigeria (COREN) – Registration No.R.6149
- ▶ Fellow, Nigerian Society of Chemical Engineers (FNSChE) Registration No. M0549
- ▶ Member, Association for FOSHA, FIMC Advancement of Cost Engineering (AACE) International Professional Certifications Certified Cost Professional (CCP) by the Association for the Advancement of Cost Engineering (AACE) International
- ▶ Certified Estimating Professional (CEP) by the AACE International Project Management Profession (PMP)

## AWARDS RECEIVED

Engr. Awoyomi wealth of experience and excellence in service delivery has not gone unnoticed, as he has been honoured with numerous awards and prominent recognitions some of which include:

- ▶ NNPC GMD Merit Award in 1995 at NETCO for single-handedly handling the design of Shell Petroleum Dev Co Uzere Tapioca Drying Facilities
- ▶ NNPC GMD Merit Award as the Most Valuable Soldier in the NNPC Fuel War Room, April 2010
- ▶ NNPC GMD Merit Award as the Most Innovative Soldier in the NNPC Fuel War room, April 2010
- ▶ NETCO MD Merit Award 1995

## PREVIOUS POSITION OCCUPIED

- ✓ Ex-STA Honorable Minister of State Petroleum Resources, Nigeria
- ✓ Ex Region 9 Director for AACE Int (for Europe and Africa)
- ✓ Ex GGM NNPC Engineering and Technology Division
- ✓ Ex-MD NETCO (one of the NNPC companies)

Date & Venue		Course Title
<b>January</b>	Lagos	<ul style="list-style-type: none"> <li>• Advanced Project Management; Jan 13-17</li> <li>• CCP- AACE Int Cost Engineering Certification; Jan 20-24</li> <li>• PMP: Project Management Certification; Jan 27-31</li> </ul>
<b>February</b>	Lagos	<ul style="list-style-type: none"> <li>• Practical PMO- Principles' and Practices</li> <li>• CCP: AACE Int Cost Engineering Certification; Feb 14-20</li> </ul>
<b>March</b>	Lagos & Abuja	<ul style="list-style-type: none"> <li>• Practical PMO- Principles' and Practices, Mar 17–21</li> <li>• CCP: Cost Engineering Certification, Mar 24-28</li> </ul>
<b>April</b>	Abuja	<ul style="list-style-type: none"> <li>• Advanced Project Management; Mar 31-April 4</li> <li>• Decommissioning and Abandonment Cost Estimation; Apr 7-11</li> <li>• Project Probabilistic and Schedule Risk Analysis, Apr14-18</li> <li>• Advanced Cost Management; Apr 21-25</li> <li>• Cost Control and Risk Management; Apr28 – May 2</li> </ul>
<b>May</b>	Lagos	<ul style="list-style-type: none"> <li>• Commissioning, Operational Readiness and Start-up; May 1-3</li> <li>• CCP: AACE Int Cost Engineering Certification; May 5-9</li> <li>• PMP: Project Management Certification Program; May 12-16</li> <li>• Practical PMO- Principles and Practices; May 19-23</li> <li>• Drive Project Performance; May 26-30</li> </ul>
<b>June</b>	Lagos	<ul style="list-style-type: none"> <li>• Advanced Project Management; Jun 2-6</li> <li>• Decommissioning and Abandonment Cost Estimation; June 9-13</li> <li>• Project Probabilistic and Schedule Risk Analysis, Jun 16-20</li> <li>• Advanced Cost Management; Jun 23-27</li> <li>• Cost Control and Risk Management; June 30- July 3</li> </ul>

Date & Venue		Course Title
<b>July</b>	<b>Lagos</b>	<ul style="list-style-type: none"> <li>• Claims and Change Management for Owners and Contractors for successful project execution; July 1-5</li> <li>• Capital Projects' Cost Estimating, Reviewing, Benchmarking, and Validation for Owners and Contractors; July 7-11</li> <li>• Bidding and Winning Contracts for Contractors in the Oil &amp; non-oil Sector – Principles and Practices; July 14-18</li> <li>• CCP-AACE Int Cost Engineering Certification; July 21-25</li> <li>• PMP-Project Management Certification; Jul 23-Aug 1</li> </ul>
<b>August</b>	<b>Abuja</b>	<ul style="list-style-type: none"> <li>• Commissioning, Operational Readiness and Start-up, Aug 4-8</li> <li>• CCP: AACE Int Cost Engineering Certification; Aug 11-15</li> <li>• PMP: Project Management Certification Program; Aug 18-22</li> <li>• Practical PMO- Principles and Practices, Aug 25-29</li> </ul>
<b>September</b>	<b>Lagos</b>	<ul style="list-style-type: none"> <li>• Advanced Project Management – Project Planning &amp; Scheduling, Cost Engineering and Risk Management; Sep 1-5</li> <li>• Decommissioning and Abandonment Cost Estimation in Oil and Gas Sector; Sep 8-12</li> <li>• Project Probabilistic and Schedule Risk Analysis, Sep 15-19</li> <li>• Advanced Cost Management for Owners &amp; Contractors; Sep 22-26</li> <li>• Cost Control and Risk Management for Owners &amp; Contractors; Sep 29-Oct 3</li> </ul>
<b>October</b>	<b>Lagos</b>	<ul style="list-style-type: none"> <li>• Commissioning, Operational Readiness and Start-up, Oct 2-4</li> <li>• CCP: AACE Int Cost Engineering Certification; Oct 6-10</li> <li>• Capital Projects' Cost Estimating, Reviewing, Benchmarking, and Validation for Owners and Contractors; Oct 13-17</li> <li>• Bidding and Winning Contracts for Contractors in the Oil &amp; non-oil Sector – Principles and Practices; Oct 20-25</li> <li>• Cost Control and Risk Management for Owners and Contractors; Oct 27-31</li> </ul>
<b>November</b>	<b>Abuja</b>	<ul style="list-style-type: none"> <li>• Claims and Change Management for Owners and Contractors for successful project execution; Nov 3-7</li> <li>• CCP: AACE Int Cost Engineering Certification; Nov 10-14</li> <li>• PMP: Project Management Certification Program; Nov 17-21</li> <li>• Practical PMO- Principles and Practices, Nov 24-28</li> <li>• Advanced Project Management- Project Planning &amp; Scheduling, Cost Engineering and Risk Management; Nov 24-28</li> </ul>

- **Advanced Project Management- Project Planning & Scheduling, Cost Engineering and Risk Management; Dec 1-5**
- **Advanced Cost Management for Owners & Contractors; Dec 8-13**

### CEPCS' SERVICES AND PRODUCTS

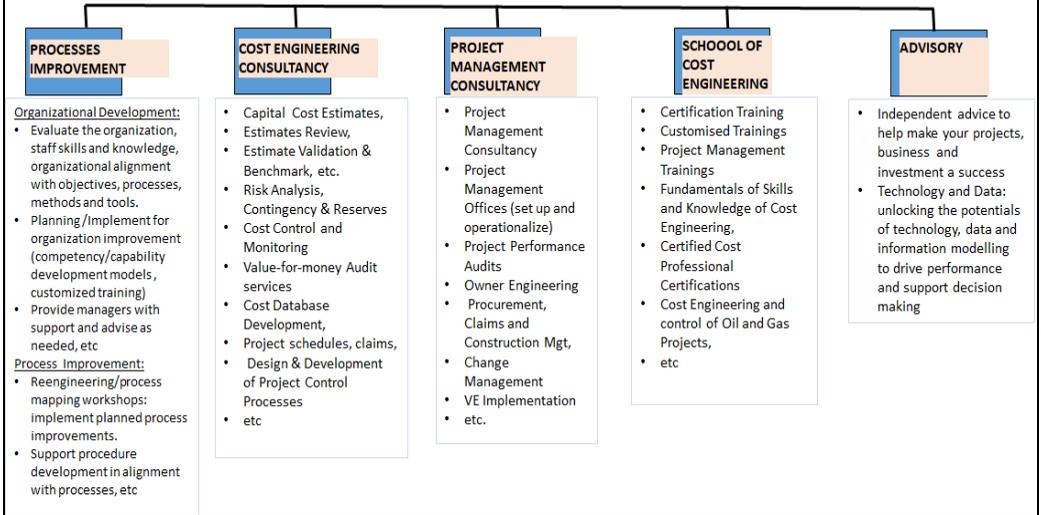


Figure 1: CEPCS List of Products and Services

## LIST OF OUR TRAINING PROGRAM:

The summary list of our capacity development program for the year 2025 is as listed below:

- a) Advanced Project Management- Project Planning, Scheduling, Cost Engineering, and Risk Management – (APM)
- b) Advanced Cost Management for Owners and Contractors (ACM)
- c) Practical PMO (Project Management Offices)- Principles and Practices
- d) Cost Control and Risk Management of Capital Projects for Owners and Controls (CCR)
- e) CCP – Certified Cost Professional by AACE International (Cost Engineering Certification Training Packages – CCP, CEP, PSP, and EVP)
- f) PMP: Project Management Certification Training Program
- g) Project Probabilistic Cost and Schedule Risk Analysis – Principles and Practices (PCS)
- h) Bidding and Winning Contracts in the oil & non-oil sector for Contractors (BWC)
- i) Decommissioning and Abandonment Cost Estimation for Oil and Gas Facilities (DAC).
- j) Commissioning, Operational Readiness, and Start-up of Chemical plants (COS)
- k) Drive Project Performance – Principles and Practices (DPP).
- l) Managing Claims and Change Management on Capital projects for: Owners and Contractors (MCC)
- m) Project Schedules as a Major Project Driver for successful project execution for Owners and Contractors (SCH)
- n) Capital Projects’ Cost Estimating, Reviewing, Validation, and Benchmarking - Principles and Practices Training Program – (CEB)
- o) Advanced Project Planning and Scheduling for Constructing Projects (APP) Training Program- PCPS
- p) Cost Engineering and Project Controls Packages – (CEP)
- q) Cost Benchmarking Capacity Building (of Capital Projects) for Owners -Principles and Best Practices -m (CBC)
- r) Cost Engineering and Project Management Training Programs (4 Levels – Basic, Intermediate. Advanced, and Certification) – CEPM)
- s) Controlling the Cost of Crude Oil Production in a Developing Economy- (CCC)
- t) Building a Culture of Resilience and Adaptability at par with standards and practices in the global oil and gas industry – BCR
- u) Planning & Scheduling, Cost Estimate Preparation, and Review of Abandonment and Decommissioning Projects - PSAD

## Course Description:

### Advanced Project Management- Project Planning, Scheduling, Cost Engineering, and Risk Management (APM)

This program incorporates project management principles with the project control best practices. The key objectives include:

- Demonstrating the knowledge and techniques for successful project delivery – on track, on-schedule and below budget.
- Gaining knowledge of techniques used in project estimating, from the conceptual stage to the final detailed estimate.
- Understanding the different types of estimates used to give confidence and progressively estimate project costs and schedules. Demonstrating the knowledge and techniques of capital project cost review/validation and benchmarking
- Identifying risk sources and minimizing their impact and learning how to sustain project momentum.
- Developing effective performance monitoring and control systems - An integrated approach to scope, time, resources, and cost management into a dynamic and manageable mode.
- Domiciling both Advanced Project management & Cost Engineering capacity and capability within your Organization and thus, enhance its delivery of the PIA mandates with respect to your Organization's Profit and Loss.

**Schedule and Venue:** Can be scheduled at clients' place of preference (local or overseas) and timings

## Course Description:

### Advanced Cost Management for Owners and Contractors (ACM)

The program will empower the participants with the fundamentals of Cost Management including its principles and best practices that will enable them to always achieve both schedule & cost predictability as well as cost & schedule competitiveness of their capital projects now and in the future. The key learning point of the program is Cost Optimization.

The objectives of the program include the followings:

- Demonstrating the fundamentals of cost management in the midstream/downstream sectors of the oil and gas (for profitability)
- Upskilling the capacities of the participants on how to optimize both OPEX and CAPEX of the organization
- Helping to drive both predictability and competitiveness of the project schedules and costs
- Demonstrating the knowledge and techniques of planning, scheduling, cost-estimating, scoping, scheduling, front-end loading, stakeholder engagement and team development in successful project
- Identifying risk sources and minimize their impact and learn how to sustain project momentum - quantitative risks determination
- Developing effective performance monitoring and control systems for cost management
- Domiciling best Cost Management practices to help achieve Cost optimization in all

## Course Description:

### Practical PMO (Project Management Offices)- Principles and Practices

Today's successful completion of projects has become a source of competitive advantage for the organizations. And therefore, more and more organizations are concerned with assessing and improving their project management processes. This is a key learning point for the participants in this course. The course will enable attendees to deploy the best/leading practices in Practical PMO covering project management and cost engineering in their operations.

The program will be full of PMO Case studies (local and abroad) for lessons learnt

The Key Objectives are

- The overall key objectives of the program is to equip the participants with knowledge and techniques of delivering the Capital projects:
- Demonstrating the knowledge and techniques for successful PMO Portfolio, Programs and project delivery – on track, on-schedule and below budget
- Developing effective performance monitoring and control systems for: Portfolio, Programs and project
- Domiciling PMO capacity and capability within your Organization and thus, enhance its delivery of the PIA mandates with respect to your Organization's Profit and Loss.

The benefits of Practical PMO include:

- Supporting controls across the project lifecycle including estimating, configuration management, and project controls.
- Providing program and project risk transparency.
- Promoting best practice management for expediting project delivery.
- Facilitating external industry and peer reviews to accelerate project delivery
- Delivering enterprise-wide project management tools to provide timely reporting
- Instituting performance management processes and metrics to achieve targets.
- Offering training programs to improve overall NPC project management capabilities.
- Communicating the value proposition to executive management

## Course Description:

### Cost Control and Risk Management of Capital Projects for Owners and Controls (CCR)

Cost Control is the process of controlling the cost of a project, with a predetermined sum (budget) throughout its various stages from inception to completion. It takes place throughout the stages of a project whereas the accounting process "accounts" i.e. accounting performs after the event rather than on a day to day basis during the event.

This program will upskill the participants capacity with respect to managing the CAPEX and OPEX deploying the best practices. In addition, the participants will be able to determine the appropriate Contingency and schedule reserve required to mitigate any of the project risk when they show up. Risk mitigating techniques is a major take-aways for the participants in the program

## Course Description:

### PMP: Project Management Certification Training Program

#### Key Objectives:

The major objective of the programs is to prepare all the participants in the program - to sit and pass the Project Management Certification examinations - PMP at one sitting without any course to re-sit or carry over.

In addition, the program will:

- equip the participants with the required knowledge/skills to deliver their capital programs within budget and on-schedule and on-track
- expose the participants to an integrated approach to scope, time, resources and cost management into a dynamic and manageable model

**Schedule:** The Project Management Certification-PMP is a 5-days program

## Course Description:

### Project Probabilistic Cost and Schedule Risk Analysis – Principles and Practices (PCS)

This program is about Quantitative Risks Analysis (QRA) – determination of the appropriate contingencies and schedule reserves to mitigate any risks (systemic and specific risks that may show up). This program will enable the participants to be able to assess the strengths and weaknesses of QRA processes and practices of their respective organization or project and make recommendations for improvement aligned with research and recommended practices. The participant will be able to confirm if the QRA meets needs while being practical, empirically sound, and robust. The participants will have their expertise upgraded by having enough knowledge of core QRA methods to begin implementation. In addition, they will have a better understanding of methods already being applied

**Schedule:** The Program is a 3-days program

## Course Description:

### Commissioning, Operational Readiness, and Start-up of Chemical plants (COS)

The program will upskill the capacity of the participants with respect to both pre-commissioning as well as commissioning execution activities, operation readiness, startup procedures and Post-Start-Up and Operational Handover. The Course Objective is to equip participants with the knowledge and skills necessary for successful project commissioning, ensuring operational readiness, and executing start-up procedures effectively.

**Schedule:** The Program is a 3-days program

## Course Description:

### Drive Project Performance – Principles and Practices (DPP)

Scope: The program will be 3-days. The Participants will have good exposure to best practices in Project Management and Cost Engineering. The course covers leading practices in project management and cost engineering covering - project controls, planning & scheduling, cost estimating, cost benchmarking, reviewing & validation, cost monitoring & cost control, cost forecasting, risks management, change management, claims, earned value techniques, etc. It will expose the participants on what they need to know and do in order to get their capital projects delivered successfully (on-track, on-schedule and below-budget).

The objectives of the programs include the following:

- Driving the performance of the projects to exceed the targets (baseline metrics – cost, schedule, quantity, performance, risks, etc)
- Driving both predictability and competitiveness of the project schedules and costs
- Demonstrating the knowledge and techniques for successful project delivery – on track, on schedule and below budget
- Demonstrating the knowledge and techniques of cost engineering on capital projects
- Identifying risk sources and minimize their impact and learn how to sustain project momentum - quantitative risks determination
- Developing effective performance monitoring and control systems

## Course Description:

### Managing Claims and Change Management on Capital projects for Owners and Contractors (MCC)

Scope: The program will be 5-days. The Participants will have deeper exposure to best practices at managing project claims effectively and identify events that may give rise to claims. The program will address the following elements and how to:

- Create and maintain appropriate records in preparation for claims
- Assess, analyze, and evaluate claims
- Present elements required to support or defend claims
- Negotiate claims
- Resolve claims promptly in a fair and reasonable manner and avoid expensive litigation and arbitration, etc.

It will expose the participants on what they need to know and do in order to get their capital projects delivered successfully (on track, on-schedule and below-budget) with minimal changes and claims and thus, avoid expensive litigation and arbitration and save the company time and money through effective project claims management

The key Objectives: The objectives of the programs include the following:

- Understand the imperatives of project planning, scoping Front-end Loading (FELs) in Claims management
- Knowing how and why claims arise in projects and what can be done to prevent them
- Understand the risks of misalignment with scope of work, improper change management, incorrect contract type and failure to consider scheduling constraints in the contract.

- Understand the outcomes of claims in different scenarios and how to navigate complex claims and disputes.
- Understand Construction claims from both an owner and contractor perspectives
- Have perspectives of real life “war-stories/case studies” in Construction Claims and the lessons learned from each case.

## Course Description:

### Advanced Project Planning and Scheduling for Constructing Projects (APP) Training Program

The key objectives of this program are:

- Demonstrating the knowledge and techniques for successful project delivery – on track, on-schedule and below budget
- Gaining knowledge of techniques used in project planning and scheduling
- Understanding the different types of estimates used to give confidence and progressively estimate project costs and schedule
- Demonstrating the knowledge and techniques of cost engineering on capital projects
- Identifying risk sources and minimizing their impact and learn how to sustain project momentum - quantitative risks determination
- Developing effective performance monitoring and control systems
- An integrated approach to scope, time, resources and cost management into a dynamic and manageable model
- Domiciling both Advanced Project Planning & Scheduling cum Cost Engineering capacity within your organization and thus, enhance its delivery of the PIA mandates with respect to your Organization’s Profit and Loss, etc.

## Course Description:

### Cost Engineering and Project Management Training Programs (4 Levels – Basic, Intermediate, Advanced, and Certification – CEPM)

This is a two-in-one program on Cost engineering and project management best practices. It combines the leading practices of Project management and Cost Engineering to upscale the capacity of the participants the optimization of both their CAPEX and OPEX. The major objective is the predictability and competitiveness of both the schedule and CAPEX of the organization.

## Course Description:

### Bidding and Winning Project & Contracts in oil and non-oil sectors for Contractors - Principles and Practices (BWC)

This program is indispensable to contractor-organizations and all service providers that compete to win contracts and projects in the oil and non-oil sector. The program exposes the nitty-gritty of the leading practices and principles in bidding and winning jobs competitively and executing them profitably. The key objectives include:

- Empowering the indigenous companies – contractors, suppliers, service providers, etc on how to bid and win medium, large and complex projects competitively and profitably in the areas of:
  - ✓ Bid packaging
  - ✓ Bid planning & scheduling
  - ✓ Bid cost estimate (bid price)
  - ✓ Charge-ins Vs Charge-out Rates concept
  - ✓ Bid contingencies, schedule reserves & allowances, etc
- Demonstrating to the participants how to competitively estimate the bid prices (covering -direct, indirect, overheads, allowances, fees, profits and markups) as well as the project schedule plus reserves
- Sharing best practices on overheads recovery, escalation and mark-ups, Unbalanced & competitive bidding, bid hit ratio, customer retention, etc.

**Schedule and Venue:** Can be scheduled at clients’ place of preference (local or overseas) and timings

## Course Description:

### **Building a Culture of Resilience and Adaptability at Par with Standards and Practices in the Global Oil & Non-oil Sector (BCR)**

This program is really needed in times like this – when there are so many disruptions happening on daily basis across globe. The program will afford the participants the opportunities to gain knowledge and techniques used in building a culture of resilience and adaptability for organizational survival  
The program will demonstrate the deployment of the global standards and practices both in the oil & non-oil sectors with relevant case studies on:

- ✓ Capital projects delivery
- ✓ Cost-aware and schedule-aware principles
- ✓ Risk management, etc

**Schedule and Venue:** Can be scheduled at clients’ place of preference (local or overseas) and timings

## Course Description:

### Decommissioning and Abandonment Cost Estimation Workshop (DAC)

This program is a must-have for the oil and gas companies for the planning of the Decommissioning and Abandonment work scope of their facilities according to the PIA mandates – Section 232 & 233. The program will showcase both the leading practices and principles in the planning & scheduling and estimating work scopes for their Decommissioning and Abandonment projects.

This course provides a comprehensive grounding in cost estimation, planning and scheduling good practices; how these apply to Abandonment and Decommissioning Projects in oil and gas, and why adoption is of strategic importance in financial planning and cost control.

By the end of this training course, participants will learn to:

- ✓ Differentiate between both methods of cost estimation and classes of estimate
- ✓ Build a comprehensive Basis of Estimate using Good Industry Practice
- ✓ Appreciate levels of accuracy and their implications
- ✓ Identify common risks of cost overrun in well abandonment and how to manage them
- ✓ Build both probabilistic and deterministic estimate for the same work scope
- ✓ Utilize cost estimation, planning and scheduling as tools for cost control

**Schedule and Venue:** Can be scheduled at clients' place of preference (local or overseas) and timings

## Course Description:

### Project Schedules as a Major Project Driver for successful project execution for Owners and Contractors (SCH)

Large percentage of construction projects finish late, costing billions of dollars to owners and contractors and tarnishing reputations along the way. In this course, you will learn concepts and valuable tips for successful time management of construction projects. We will start with the understanding why scheduling is vital to the success of the project. You will learn about the critical path method and go deep on concepts, definitions, and calculations. You will learn what steps are needed to create a good project & construction schedule and how schedules tie with a total project management effort. We will also cover valuable tips for scheduling and managing successful projects.

This course is essential not only to professionals in project controls but to all whose roles involved in a construction project whether they represent the owner, the designer and the contractor.

**Schedule and Venue:** Can be scheduled at clients' place of preference (local or overseas) and timing



## Course Description:

### Managing Claims and Change Management on capital projects for Owners and Contractors (MCC)

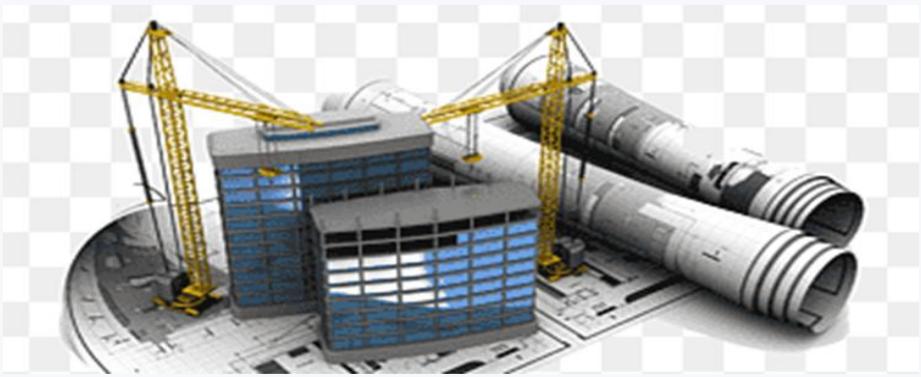
The course will expose the participants to some deeper perspectives with respect to the principal elements of claims—its cause, responsibility, and quantum. The participants will also learn how 'cost and time' impacts are quantified and how they can effectively participate in claim presentation, review, negotiation, and various dispute resolution forums. Furthermore, they will get better equipped with best practices and strategies to successfully manage their respective project claims.

This is a special program that is specifically developed for capital project owners like your organization in order to minimize impacts of claims on the project benefits.

The key objectives of the programs include the followings:

- ✓ Knowing how and why claims arise in projects and what can be done to prevent them
- ✓ Understand the risks of misalignment with scope of work, improper change management, incorrect contract type, and failure to consider scheduling constraints in the contract.
- ✓ Understand the outcomes of claims in different scenarios and how to navigate complex claims and disputes.
- ✓ Understand Construction claims from both an owner and contractor perspectives
- ✓ Have perspectives of real-life "war stories/case studies" in Construction Claims and the lessons learned from each case

**Schedule and Venue:** Can be scheduled at clients' places of preference (both local and overseas) and timings.



## Course Description:

### Capital Projects, Cost Engineering, and Risk Management

#### Program Objectives

The main objectives include:

- ✓ Develop a sound understanding of principles, methodologies and best practices of cost engineering and project controls not limited to Forecasting, Planning, Scheduling, Cost Estimating and Cost Controls
- ✓ Understand the project life cycle, project stage-gate systems and values of project controls and cost engineering
- ✓ Understand the principles and methodologies project risk analysis, risk management, develop contingency plans and conduct quantitative cost & schedule risks analysis
- ✓ Understand the methodologies of earned value management analysis and reporting

**Schedule and Venue:** Can be scheduled at clients' place of preference and timings

## Course Description:

### Capital Projects' Cost Estimating, Cost Benchmarking and Validation (CEB)

#### Program Objectives

This program will let the attendees know how to prepare and review and benchmark both their own capital cost estimates and 3rd party own.

The key objectives include:

1. To learn how to prepare various classes of capital project cost estimate having various degree of project maturity
2. Understand the best practices of capital project cost estimate review, validation and benchmarking
3. To strengthen the attendees organizations' internal cost control mechanism - through deployment of the following cost engineering best practices:
  - ✓ Cost Estimating, Cost Estimate Review
  - ✓ Cost Estimate Validation and Benchmarking

The learning point covers:

- Challenges facing cost estimating as a profession and Cost estimators and walk-arounds such.
- Capital Cost Estimation preparation processes of different classes of cost estimate
- How to review, validate, and benchmark own and 3rd party cost estimate
- Archiving of historical project data

**Schedule and Venue:** Can be scheduled to meet clients' preference of choice of venue (both local & overseas) and timings.

What are you waiting for? Get in touch with us: [info@cengpcs.com](mailto:info@cengpcs.com), +2348037280068



## Course Description:

### Cost Engineering Certification Programs: Certified Cost Professional, (CCP) and Planning & Scheduling Professional (PSP), Certified Estimating Professional (CEP) and Earned Value Professional (EVP)

We provide preparatory classes for the following Cost Engineering certifications of the AACE Int:

- ✓ Certified Cost Professional, (CCP) Certified Estimating Professional
- ✓ Planning & Scheduling Professional (PSP),
- ✓ Earned Value Professional (EVP)
- ✓ Certified Cost Technician (CCT) and
- ✓ Certified Scheduling Technician (CST)

The major goal of cost engineering certification is to recognize skilled professional in the cost engineering industry.

A CCP is an experienced practitioner with advanced knowledge and technical expertise to apply the broad principles and best practices of Total Cost Management (TCM) in the planning, execution and management of any organizational project or program.

A CEP is a professional with vital expertise to contribute to the economic evaluation of potential projects by supporting the development of budgets, project resource requirements and value engineering.

A PSP is a skilled planning and scheduling professional with advanced experience in project planning, and developing, monitoring, updating, forecasting and analyzing integrated project schedules.

An EVP is a practitioner of Earned Value with demonstrated mastery of contract language as it relates to Earned Value application, the organization of a project's scope into a meaningful structure for execution; planning scheduling and budgeting the project work from initiation through close out using an integrated cost/schedule tool, etc.

Benefits of becoming Certified Cost Professionals:

- ✓ AACE Certification is versatile – Is a mark of distinction
- ✓ Sure means of getting a better and well-paid job (Certified cost professional earn 20% more than non-certified)
- ✓ Leads to more career opportunities; the surest way to 'jappa' (to secure overseas employment)
- ✓ Confirms your skills are current and demonstrate initiatives
- ✓ It enhances your professional image.
- ✓ Improves your skills and knowledge of cost engineering Helps you master key industry competencies
- ✓ Grants you professional credentials

**Schedule and Venue:** Can be scheduled to meet clients' preference of choice of venue and timings

What are you waiting for? Get in touch with us: [info@cengpcs.com](mailto:info@cengpcs.com), +2348037280068

## Course Description:

### Junior Cost Engineering Certifications: Certified Cost Technician (CCT) & Certified Scheduling Technician (CST)

The major goal of cost engineering certification is to recognize skilled professionals in the cost engineering industry. There are two early-career professional certifications- Certified Cost Technician (CCT) and Certified Scheduling Technician (CST); who are working to gain the requisite years of experience, to become a Certified Cost Professional or a Planning and Scheduling Professional.

A CCT is an individual who has demonstrated proficiency in the basic skills and knowledge of total cost management.

A CST is an individual who has demonstrated proficiency in the general skills and knowledge of the scheduling process within the Total Cost Management (TCM) framework.

Benefits of becoming Certified Cost Professionals:

- ✓ AACE Certification is versatile
- ✓ Is the mark of distinction
- ✓ Sure means of getting a better and well-paid job (Certified cost professionals earn 20% more than non-certified)
- ✓ Leads to more career opportunities; surest way to 'Japa'
- ✓ Confirms your skills are current and demonstrate initiative.
- ✓ Enhances your professional image
- ✓ Improves your skills and knowledge of cost engineering Helps you master key industry competencies
- ✓ Grants you professional credentials



**Schedule and Venue:** Can be scheduled to meet clients' preference of choice of venue and timings

## LIST OF OTHER CEPCS PRODUCTS AND SERVICES

### Our range of services covers:

- ✓ Project Management Consultancy services
- ✓ Cost Engineering Consultancy services
- ✓ Cost Benchmarking, Review and Validation
- ✓ Value-for-Money audits
- ✓ Claims and Change Management
- ✓ Capital cost estimate,
- ✓ Cost Database development and operationalization, etc.

## LIST OF CEPCS CLIENTS

### The current growing list of our clients includes:

- ✓ Nigerian Content Development Monitoring Board (NCDMB)
- ✓ Nigerian National Petroleum Company Limited
  - NNPC Corporate Headquarters
  - NNPC New Energy Limited,
  - NGIC,
  - NNPC KRPC,
  - NNPC WRPC,
  - NNPC PHRC,
  - NNPC Academy
  - NNPC CSS
  - NNPC ENSERV
  - NNPC NPSC
  - NETCO
- ✓ Ministry of Petroleum Resources
- ✓ NLNG – Nigeria Liquefied Natural Gas
- ✓ JBN- Julius Berger Nigeria
- ✓ NNPC Upstream Investment Management Services
- ✓ Petroleum Technology Development Fund
- ✓ Nigerian Upstream Petroleum Regulatory Commission (formerly DPR)
- ✓ WAGPCO Limited
- ✓ Heritage Oil
- ✓ WAEP- West African Exploration and Production
- ✓ BEAMCO
- ✓ ALCON
- ✓ Petronat Nig Limited
- ✓ AGMC
- ✓ Etc

### The scope of services rendered for the above-mentioned clients includes:

- ✓ Project management and Cost engineering consultancy services
- ✓ Cost estimating and benchmarking services
- ✓ Claims management review services
- ✓ Cost engineering capacity development training seminars and project management capacity development training seminars
- ✓ Cost engineering certification training programs, etc.

## Books written by the Principal Consultant





**Cost Engineering  
& Project Control Services**

**1A, The Morning Dew Court,  
25, Yemi Adetayo  
Street, Iroko Awe, Ilesan, Lekki, Eti-Osa  
LGA Lagos, Nigeria.**

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*Helping Owners to deliver their capital project successfully*